

Amendments to the Claims

Please amend the claims as set forth in the following listing. This listing of claims will replace all prior versions, and listings, of claims for the present application:

1. (Original) A method for protecting a vehicle system from a load dump, comprising:
 - sensing an input voltage pulse exceeding a first value;
 - determining whether the voltage pulse is a load dump;
 - disconnecting the system from power if the voltage pulse is a load dump; and
 - absorbing the voltage pulse if the voltage pulse is not a load dump.
2. (Original) The method of claim 1, further comprising reconnecting the system with power when the voltage pulse concludes.
3. (Original) The method of claim 1, wherein determining whether the voltage pulse is a load dump comprises measuring a time duration of the voltage pulse.
4. (Original) The method of claim 3, wherein disconnecting the system from power if the voltage pulse is a load dump comprises disconnecting the system from power if the time duration of the pulse exceeds a second value.
5. (Original) The method of claim 4, wherein the second value comprises approximately seventeen milliseconds.
6. (Original) The method of claim 1, wherein disconnecting the system from power if the voltage pulse is a load dump comprises disconnecting a display unit of an auxiliary vision system from power if the voltage pulse is a load dump.
7. (Original) The method of claim 6, wherein the display unit is coupled to an auxiliary vision system of a vehicle.
8. (Original) The method of claim 6, wherein the display unit is coupled to a global positioning satellite (GPS) system of a vehicle.

9. (Withdrawn) A method for displaying an image at a display unit, comprising:
- receiving an image from a video source coupled to the display unit;
 - projecting the image onto a fold mirror of the display unit;
 - reflecting the image onto an imaging mirror of the display unit for viewing by a user;
 - sensing an input voltage pulse exceeding a first value;
 - determining whether the voltage pulse is a load dump; and
 - disconnecting the display unit from power if the voltage pulse is a load dump.
10. (Withdrawn) The method of claim 9, further comprising reconnecting the display unit with power when the voltage pulse concludes.
11. (Withdrawn) The method of claim 9, wherein determining whether the voltage pulse is a load dump comprises measuring the time duration of the voltage pulse.
12. (Withdrawn) The method of claim 9, wherein disconnecting the display unit from power if the voltage pulse is a load dump comprises disconnecting the display unit from power if the time duration of the pulse exceeds a second value.
13. (Withdrawn) The method of claim 12, wherein the second value comprises approximately seventeen milliseconds.
14. (Withdrawn) The method of claim 9, wherein receiving an image from a video source comprises receiving an image from a camera unit of an auxiliary vision system of a vehicle.
15. (Withdrawn) The method of claim 9, wherein receiving an image from a video source comprises: directing energy from a scene towards a detector; receiving energy from a portion of the scene at each of a plurality of detector elements; converting the energy received at each detector element into information representative of the received energy; and forming a visible image using the information representative of the received energy.

16. (Original) A protection circuitry system for protecting a vehicle system from a load dump, comprising:

- a pulse detector operable to: sense an input voltage pulse exceeding a first value; and determine whether the voltage pulse is a load dump;
- a series switch coupled to the pulse detector, the series switch operable to disconnect the system from power if the voltage pulse is a load dump; and
- a load spike protector coupled to the pulse detector, the load spike protector operable to absorb the voltage pulse if the voltage pulse is not a load dump.

17. (Original) The circuitry system of claim 16, wherein the series switch is further operable to reconnect the system with power when the voltage pulse concludes.

18. (Currently amended) The circuitry system of claim 16, wherein ~~a~~ the pulse detector operable to determine whether the voltage pulse is a load dump ~~comprises a pulse detector~~ is configured to be operable to measure a time duration of the voltage pulse.

19. (Original) The circuitry system of claim 18, wherein disconnecting the system from power if the voltage pulse is a load dump comprises disconnecting the system from power if the time duration of the pulse exceeds a second value.

20. (Original) The circuitry system of claim 19, wherein the second value comprises approximately seventeen milliseconds.

21. (Original) The circuitry system of claim 16, wherein disconnecting the system from power if the voltage pulse is a load dump comprises disconnecting a display unit of an auxiliary vision system from power if the voltage pulse is a load dump.

22. (Original) The circuitry system of claim 21, wherein the display unit is coupled to an auxiliary vision system of a vehicle.

23. (Original) The circuitry system of claim 21, wherein the display unit is coupled to a global positioning satellite (GPS) system of a vehicle.